THIS IS MY WORLD

Z 50™

CAPTURE TOMORROW

THIS IS MY WORLD

Why settle for capturing images, when you can capture your inspirations? Introducing a unique mirrorless camera that can make your vision connect more powerfully with others — the Z 50. Small in size but big in image quality, the Z 50 unleashes your unique creativity from day one. Combining the unrivaled potential of the Z mount system with simple, well-thought-out camera operation, it lets you find new joy in making stunning images just as you envision them — day or night. What's more, you can transfer your photos and videos immediately to your smart devices via the SnapBridge application, for easy sharing online. Get ready to capture the world in a way that only you can express with the Z 50.

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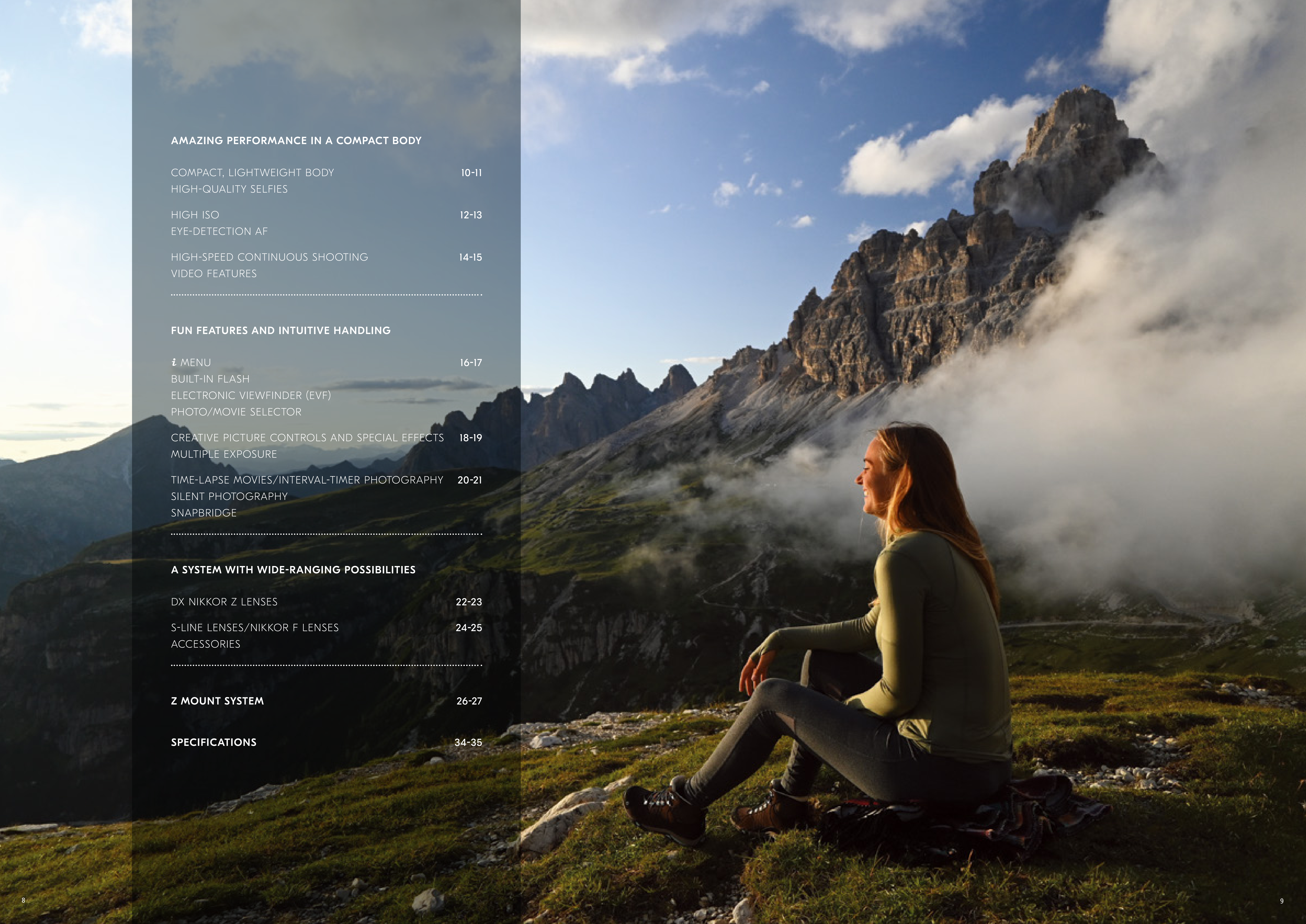

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COMPACT AND LIGHTWEIGHT, WITH A TRULY AUTHENTIC FEEL

Whether in your bag or over your shoulder, the Z 50 is a great companion — and it feels just right in your hands. Its secure, comfortable grip and operational buttons, intelligently arranged to provide efficient control, work like a natural extension of your body, responding seamlessly to your creative intentions. Despite its compact size, it has the overall look and feel of an authentic camera. It's also protected against shock by magnesium alloy in the front and top covers, offering peace of mind when carrying it around.

HIGH-QUALITY SELFIES MADE FUN AND EASY

Point the camera towards yourself, flip the tilting monitor 180° downward to face you, and the Z 50 will immediately turn into a selfie camera. When used in this position, the operation buttons and dials are locked except for the shutter release button, so you can maintain a firm grip. This means you can compose the shot without worrying about pressing the wrong button, use touch AF on the LCD monitor to achieve focus, and capture selfies in high-quality stills and movies.

• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR • Exposure: [A] mode, 1/25 second, f/5.6
• White balance: Direct sunlight • Sensitivity: ISO 3200 • Picture Control: Vivid
© Miho Comuro

BRILLIANT IMAGES, NIGHT AND DAY

Scenes you have never truly been able to bring to life in images, such as low-light indoor shots or outdoors after dark, come out sharp and beautiful with the Z 50. Its powerful ISO of 51200* handles the job with ease. Wherever the location, whatever the situation or subject, you'll be ready to make your vision a reality.

* Up to ISO 25600 for movie recording.

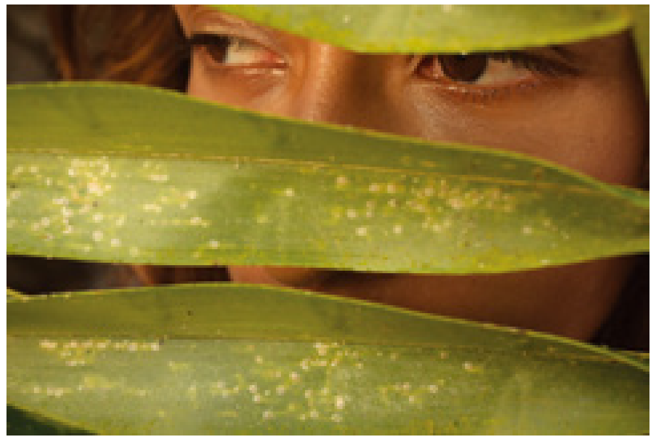
• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR
• Exposure: [M] mode, 1/500 second, f/5.6
• White balance: Auto • Sensitivity: ISO 51200
• Picture Control: Auto
© Gabriela Herman

EYE-CATCHING IN SO MANY WAYS

The Z 50's eye-detection AF* is a powerful tool for capturing portraits. It tracks and locks focus on your subject's eye — which is especially useful when your subject keeps moving. Eye-detection AF is also capable of intelligently recognizing the eyes of multiple people in the frame, giving you the choice of which person and which eye to focus on.

* When using auto-area AF in still photography.

• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR
• Exposure: Scene mode; Super vivid, 1/250 second, f/5.3
• White balance: Auto
• Sensitivity: Auto (ISO 360)
• Picture Control: Vivid
© Gabriela Herman



• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR
• Exposure: [A] mode, 1/400 second, f/5.6
• White balance: Shade
• Sensitivity: Auto (ISO 1600)
• Picture Control: Portrait
© Shawn Corrigan

Eye-detection AF is also available in self-portrait mode.

• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR
• Exposure: [A] mode, 1/100 second, f/7.1
• White balance: Natural light auto
• Sensitivity: ISO 500
• Picture Control: Auto
© Alex Stead

CAPTURE AT THE SPEED OF LIFE

With the ability to shoot up to 11 frames per second*, you'll have more chance to get a great shot of a decisive moment. If you want to capture a sequential movement even more smoothly, the Z 50 lets you shoot 8-megapixel images at an even faster 30 frames per second in silent video mode.

* When using a mechanical shutter, in continuous H (extended) release mode and NEF (12-bit RAW) + JPEG image quality.

• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR • Exposure: [S] mode, 1/2000 second, f/6.3 • White balance: Auto • Sensitivity: ISO 400 • Picture Control: Auto © Shawn Corrigan

4K UHD VIDEO

Capture beautiful 16:9 4K UHD/30p video using the whole frame. Amaze yourself and your audience with the variety of looks available from NIKKOR Z lenses, from wide angle to telephoto. The Z 50 offers beautiful output with minimum noise at high ISO, 1080/120p for slow motion, and smooth, accurate and silent AF for video. You can even touch to focus using the LCD monitor, for fast transitions between subjects. Focus peaking is available in both 4K UHD and 1080p recording, assisting manual focusing with easier confirmation on the monitor.

SHORTCUT TO YOUR CREATIVE VISION

New inspiration often strikes when you're in the middle of shooting, and you want to try something different by changing the camera settings. The Z 50's convenient *i* button gives you a powerful shortcut to do just that. The button calls up 12 settings as an *i* menu on the LCD monitor or electronic viewfinder (EVF) screen. You can quickly change these while confirming the results in real time — all without taking your eyes off your subject. The *i* menu is fully customizable, letting you choose your 12 most frequently used settings and arrange the layout as you like. It's never been this easy to engage your creativity and express yourself in images.

MORE LIGHT WHEN YOU NEED IT — BUILT-IN FLASH

In scenes where your subject appears dark and flat, such as when backlit or in the shadow under a tree, adding a little light makes a big difference to the resulting images. The Z 50 comes with a handy built-in pop-up flash.

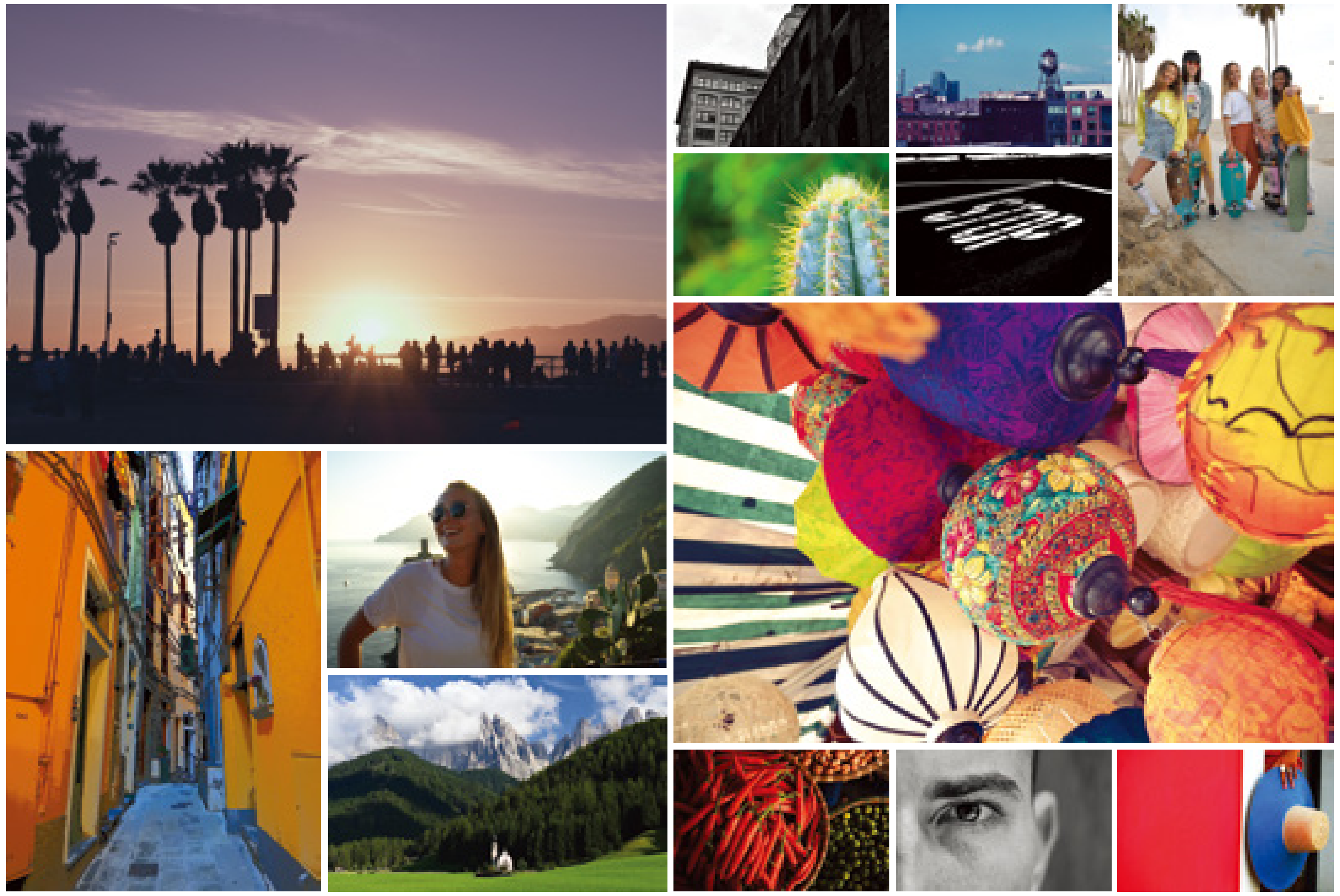
COMFORTABLE VIEWING UNDER BRIGHT SUNLIGHT

When you want to get a clearer view of what you are shooting under bright sunlight, or simply want to concentrate on your subject with no distractions, the easy-to-see EVF of the Z 50 comes in handy.
It offers a sharp and clear image under any conditions, thanks to its high-resolution organic EL panel combined with Nikon's superior optical and image-processing technologies. The EVF also displays the same settings as the LCD monitor, allowing you to make quick setting changes without taking your eye away.

Photo/movie selector

ALWAYS READY TO SWITCH BETWEEN PHOTOS AND VIDEOS

When shooting video, you often want to use different camera settings than those you need for stills. The Z 50 lets you separately save the most appropriate settings for each shooting mode and then change smoothly between them with the flick of a selector.



• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR • Exposure: [A] mode, 1/500 second, f/4.8 • White balance: Auto • Sensitivity: ISO 100 • Picture Control: Carbon ©Yohei Sawamura

EXPLORE DIVERSE LOOKS — 20 CREATIVE PICTURE CONTROLS AND 10 SPECIAL EFFECTS

Playing with different looks and colors can add different nuances to your images. You can see these by applying different Creative Picture Controls, confirming the appearance you get in real time via the monitor or EVF. It helps you create your ideal image, and the camera even lets you adjust the level within each Creative Picture Control. Meanwhile, Special Effects offer you a way to get more playful and experimental with your images. All of these options are at your fingertips, and can be applied for both photos and videos.

Creative Picture Controls
Dream / Morning / Pop / Sunday / Somber / Dramatic / Silence / Bleached / Melancholic / Pure / Denim / Toy / Sepia / Blue / Red / Pink / Charcoal / Graphite / Binary / Carbon

Picture Controls
Auto / Standard / Neutral / Vivid / Monochrome / Portrait / Landscape / Flat

Special Effects
Night Vision / Super Vivid / Pop / Photo Illustration*1 / Toy Camera Effect / Miniature Effect*2 / Selective Color / Silhouette / High Key / Low Key

*1 Movies shot in this mode play back like a slide show made up of a series of stills.
*2 Movies shot in this mode play back at high speed.
Note: Special Effects are not available with movies recorded in 1920 × 1080/120p, 1920 × 1080/100p, and 1920 × 1080 slow-motion.

MULTIPLE EXPOSURES MADE EASIER THAN EVER BEFORE

Composing unique images that combine multiple shots on top of each other can seem challenging, but with the Z 50 it's both simple and satisfying. When capturing multiple exposure shots, you can confirm a semi-transparent view of the overlay image being created on the monitor or the EVF. This makes it easier to frame the next shot, resulting in a finished composition just the way you want.

+

4K UHD TIME-LAPSE MOVIES AND INTERVAL-TIMER PHOTOGRAPHY

Gradual changes of light in landscapes, movements of drifting clouds, fast-paced cityscapes — capturing high-speed reproductions of these scenes can make for dramatic and memorable movie sequences. The Z 50's time-lapse movie function automatically shoots a series of still images, and stiches them together in-camera to produce astonishing 4K UHD or Full HD movies using the whole of the frame. Meanwhile, if you want more control in editing, interval-timer photography is also available.

SILENT PHOTOGRAPHY FOR TRULY CANDID MOMENTS

An image can show a moment in all its spontaneity if it is captured without disturbing the scene. Perfect for such occasions, the Z 50 lets you shoot silently* using its full 20 megapixels in single-frame release mode. It's ideal for taking unique portraits of your friends' most natural moments, or adorable pictures of a sleeping baby or pet, and also when shooting in quiet situations such as at a wedding ceremony or in a museum. You can also shoot 8-megapixel images silently at up to approx. 30 fps in movie-recording mode.

* Aperture and AF drive sound may occur. If a NIKKOR F lens is used with the Mount Adapter FTZ, aperture, VR driving and initial lens driving sounds may occur, for instance when turning on the camera.
Note: Rolling shutter distortion may occur during silent photography.

INSTANT IMAGE TRANSFER TO YOUR SMART DEVICES — SNAPBRIDGE

Share the excitement of what you see and create to your online community immediately, wherever you shoot. By installing the SnapBridge*[1] app on your smart device*[2], you can easily transfer stills (JPEG and RAW) and movies via Bluetooth® and Wi-Fi® from the camera, and upload them straight to social media. You can also use your smart device to remotely control shutter release and start/stop movie recording.

*1 Ver. 2.6. *2 Compatible with iPhone®, iPad®, iPod touch® or smart devices running on the Android™ operating system. Available free from Apple App Store® and Google Play™. Please check Nikon's website for further information.

POWERFUL, COMPACT DX NIKKOR Z LENSES

The two DX lenses put the amazing image quality of NIKKOR Z right in your hands, with compact, lightweight bodies. Together, the kit lenses cover focal lengths ranging from 16 mm to 250 mm without any gap. This lets you go from wide angle to telephoto in pictures that are stunningly detailed, even when shot from a close distance. You can turn everyday scenes into beautiful pieces of art. What's more, AF is fast, accurate and quiet, making it great for video as well as stills. Both lenses come with a control ring, which can be custom-assigned with a choice of convenient settings*.

* Assignable settings in AF mode: Focus (M/A), aperture, exposure compensation, ISO, no setting.

Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR © Alex Stead
Photo retouched using third-party software.

• Lens: NIKKOR Z DX 50-250mm f/4.5-6.3 VR • Exposure: [P*] mode, 1/1000 second, f/6.3 • White balance: Auto • Sensitivity: ISO 400 • Picture Control: Portrait © Shawn Corrigan

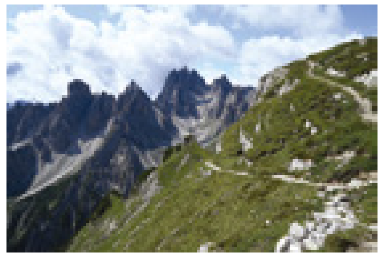
NIKKOR Z DX 16-50mm f/3.5-6.3 VR

Weighing only approx. 135 g (4.8 oz), the NIKKOR Z DX 16-50mm f/3.5-6.3 VR is an ideal partner for the compact Z 50. Thanks to its retractable-lens mechanism, it achieves a small and light body that's highly portable, without sacrificing optical performance. The lens covers everything from wide-angle landscapes to portraits, all with edge-to-edge sharpness, defying expectations for a lens of this class. As you can shoot with sharp focus as close as 0.2 m*[1] (0.66 ft) from the subject, it's also perfect for tabletop photography. The vibration reduction system offers an effect equivalent to a shutter speed 4.5 stops*[2] faster, minimizing image blur.

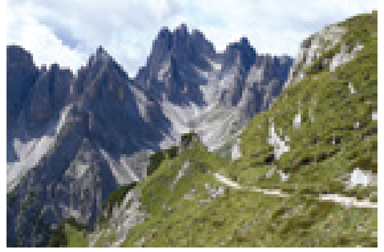
NIKKOR Z DX 50-250mm f/4.5-6.3 VR

With its powerful 5x zoom, the NIKKOR Z DX 50-250mm f/4.5-6.3 VR lets you capture your subject up-close in superb resolution, even from a distance. The compression effect and large background bokeh that are unique to telephoto lenses make for impressive portraits and landscapes. As well as this, you can approach subjects as close as 0.5 m*[3] (1.64 ft) to achieve beautiful close-up shots of near subjects. This offers a similar operational feel to the NIKKOR Z DX 16-50mm f/3.5-6.3, allowing smooth lens exchange. Powerful vibration reduction, providing an effect equivalent to a shutter speed 5.0 stops*[2] faster, helps minimize image blur.

*1 At 24 mm zoom position. *2 Based on the CIPA Standard. This value is achieved when attached to a DX-format camera with the camera's VR function set to "NORMAL", and when zoom is set to the maximum telephoto position. *3 At 50 mm zoom position; 1 m (3.29 ft) at 250 mm zoom position.

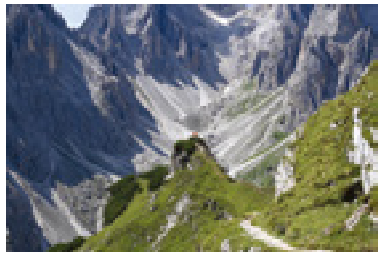


16 mm

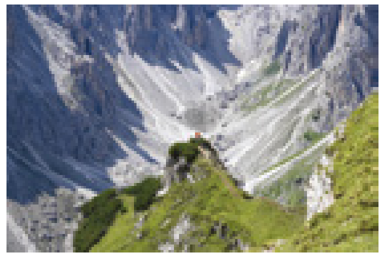


25 mm

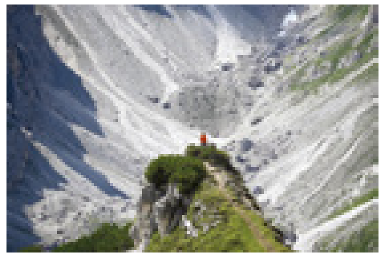
35 mm



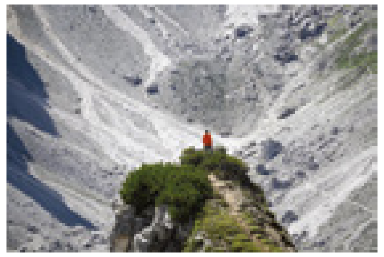
50 mm



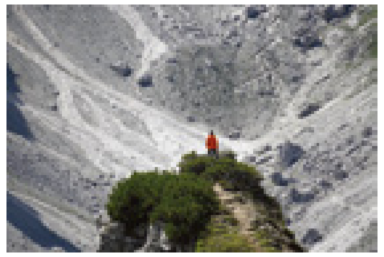
70 mm



135 mm



200 mm



250 mm

• Lens: NIKKOR Z 35mm f/1.8 S • Exposure: [M] mode, 1/320 second, f/7.1 • White balance: Natural light auto • Sensitivity: ISO 320 • Picture Control: Landscape © Alex Stead

• Lens: NIKKOR Z 35mm f/1.8 S • Exposure: [M] mode, 1/13 second, f/6.3 • White balance: Auto • Sensitivity: ISO 640 • Picture Control: Landscape © Shawn Corrigan

NIKKOR Z LENSES OFFER ENDLESS POSSIBILITIES

The Z 50's large Z mount is a gateway to incredible new imaging possibilities. In addition to the two DX NIKKOR Z lenses, you can access the growing range of NIKKOR Z S-Line lenses, for an even more astonishing level of image quality. Landscape images show every tree in a forest in sharp detail. Bokeh is natural and gradual. Subjects in your images look and feel more lifelike than ever. Adding another NIKKOR Z to your Z 50 gives incredible power to your creativity — both for photos and videos.

APPROX. 360 NIKKOR F LENSES BRING GREATER CREATIVE ENJOYMENT

Having access to NIKKOR Z lenses isn't the only advantage of the Z 50 being part of the Z mount family: you can also pair it with approx. 360 NIKKOR F lenses* via the Mount Adapter FTZ. From super-wide to super-telephoto, from micro to fisheye, this legendary lineup offers truly diverse lenses with superb optical performance, cultivated over Nikon's long history.

* Supported features differ according to each lens.

WIDE-RANGING ACCESSORIES TO ENRICH YOUR IMAGE-MAKING

As your creativity grows, you may want to try your hand at more diverse kinds of image-making. Fortunately, the Z 50 has an accessory shoe where you can mount accessories. For example, you can add a Nikon Speedlight such as the SB-500 to bring more drama to your images by effectively using shadows and light. And if you want to grab better audio during movie recording, the ME-1 Stereo Microphone is also available.

LARGE Z MOUNT QUALITY IN A SMALL, PORTABLE SYSTEM

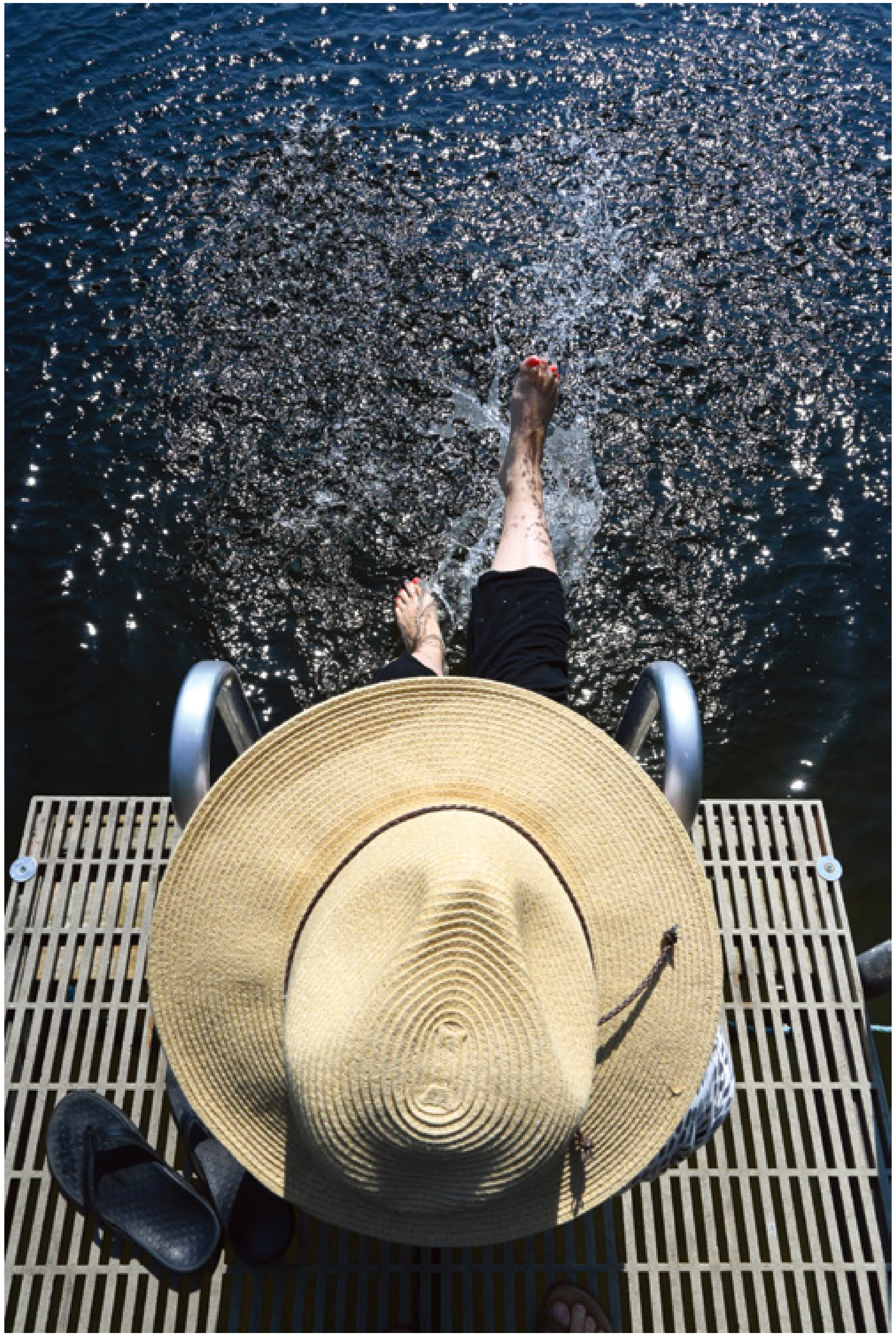
The Z 50 isn't just another compact mirrorless camera: it delivers superb image quality. That's because it uses the same Z mount as its larger siblings, the Nikon Z 7 and Z 6 cameras. This lens mount features a 55mm opening, wider than any competitors, which invites in a huge amount of light. The short, 16mm distance from the mount to the image sensor enables more flexible lens design and a smaller camera body. This combination allows engineers to use light more effectively, and develop lenses with outstanding optical performance, providing even higher resolution and more beautiful bokeh. The Z 50 can be used with the dedicated kit lenses, but is also compatible with a growing lineup of superb NIKKOR Z lenses.

• Lens: NIKKOR Z DX 50-250mm f/4.5-6.3 VR • Exposure: [A] mode, 1/400 second, f/8 • White balance: Shade • Sensitivity: Auto (ISO 1600) • Picture Control: Landscape © Shawn Corrigan

• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR • Exposure: Scene mode; auto, 1/250 second, f/5.6 • White balance: Auto • Sensitivity: Auto (ISO 200) • Picture Control: Auto © Gabriela Herman

• Lens: NIKKOR Z DX 50-250mm f/4.5-6.3 VR • Exposure: [M] mode, 1/320 second, f/7.1 • White balance: Auto • Sensitivity: ISO 400 • Picture Control: Auto © Gabriela Herman

Lens: NIKKOR Z DX 50-250mm f/4.5-6.3 VR © Shawn Corrigan Photo retouched using third-party software.



• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR • Exposure: [M] mode, 1/2500 second, f/11 • White balance: Auto • Sensitivity: ISO 1600 • Picture Control: Auto © Gabriela Herman

• Lens: NIKKOR Z DX 16-50mm f/3.5-6.3 VR • Exposure: [M] mode, 1/50 second, f/5 • White balance: Color temperature (5600K) • Sensitivity: ISO 200 • Picture Control: Portrait © Shawn Corrigan

• Lens: NIKKOR Z DX 50-250mm f/4.5-6.3 VR • Exposure: [M] mode, 1/1250 second, f/6.3 • White balance: Auto • Sensitivity: ISO 640 • Picture Control: Auto © Gabriela Herman

Type of camera	Digital camera with support for interchangeable lenses
Lens mount	Nikon Z mount
Compatible lenses	• Z mount NIKKOR lenses • F mount NIKKOR lenses with mount adapter; restrictions may apply
Effective pixels	20.9 million
Image sensor	23.5 × 15.7 mm CMOS sensor (Nikon DX format)
Total pixels	21.51 million
Dust-reduction system	Image Dust Off reference data (requires Capture NX-D)
Image size (pixels)	• DX (24×16) image area 5568 × 3712 (L: 20.7 million) 4176 × 2784 (M: 11.6 million) 2784 × 1856 (S: 5.2 million) • 1 : 1 (16×16) image area 3712 × 3712 (L: 13.8 million) 2784 × 2784 (M: 7.8 million) 1856 × 1856 (S: 3.4 million) • 16 : 9 (24×14) image area 5568 × 3128 (L: 17.4 million) 4176 × 2344 (M: 9.8 million) 2784 × 1560 (S: 4.3 million) • Photographs taken during movie recording at a frame size of 3840 × 2160: 3840 × 2160 • Photographs taken during movie recording at a frame size of 1920 × 1080: 1920 × 1080
File format	• NEF (RAW): 12 or 14 bit • JPEG: JPEG-Baseline compliant with fine (approx. 1 : 4), normal (approx. 1 : 8), or basic (approx. 1 : 16) compression • NEF (RAW)+JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats
Picture Control System	Auto, Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, Flat, Creative Picture Controls (Dream, Morning, Pop, Sunday, Somber, Dramatic, Silence, Bleached, Melancholic, Pure, Denim, Toy, Sepia, Blue, Red, Pink, Charcoal, Graphite, Binary, Carbon); selected Picture Control can be modified; storage for custom Picture Controls
Media	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards
File system	DCF 2.0, Exif 2.31, PictBridge
Viewfinder	0.99-cm/0.39-in. approx. 2360k-dot (XGA) OLED electronic viewfinder with color balance and auto and 7-level manual brightness controls
Frame coverage	Approx. 100% horizontal and 100% vertical
Magnification	Approx. 1.02× (50 mm lens at infinity, –1.0 m^{-1})
Eyepoint	19.5 mm (–1.0 m^{-1}; from center surface of viewfinder eyepiece lens)
Diopter adjustment	-3 to +3 m^{-1}
Eye sensor	Automatically switches between monitor and viewfinder displays
Monitor	8-cm/3.2-in., approx. 1040k-dot tilting TFT touch-sensitive LCD with 170° viewing angle, approximately 100% frame coverage, and 11-level manual brightness controls
Shutter type	Electronically controlled vertical-travel focal-plane mechanical shutter; electronic front-curtain shutter; electronic shutter
Shutter speed	1/4000 to 30 s (select from step sizes of 1/3 and 1/2 EV), bulb, time
Flash sync speed	X=1/200 s; synchronizes with shutter at 1/200 s or slower; Auto FP High-Speed sync supported
Release modes	Single frame, low-speed continuous, high-speed continuous, high-speed continuous (extended), self-timer
Approximate maximum frame advance rate (measured under Nikon-specified test conditions)	• Low-speed continuous: 1 to 4 fps • High-speed continuous: 5 fps • High-speed continuous (extended): 11 fps
Self-timer	2 s, 5 s, 10 s, 20 s; 1 to 9 exposures at intervals of 0.5, 1, 2 or 3 s
Exposure metering system	TTL exposure metering using camera image sensor
Exposure metering modes	• Matrix metering • Center-weighted metering: Weight of 75% given to 8 mm circle in center of frame; weighting can instead be based on average of entire frame • Spot metering: Meters 3.5 mm circle (about 2.5% of frame) centered on selected focus point • Highlight-weighted metering
Metering range (ISO 100, f/2.0 lens, 20°C/68°F)	-4 to +17 EV
Exposure modes	• : Auto, **P**: programmed auto with flexible program, **S**: shutter-priority auto, **A**: aperture-priority auto, **M**: manual • Scene modes: portrait; landscape; child; sports; close up; night portrait; night landscape; party/indoor; beach/snow; sunset; dusk/dawn; pet portrait; candlelight; blossom; autumn colors; food • Special effect modes: night vision; **VI** super vivid; **POP** pop; photo illustration; toy camera effect; miniature effect; selective color; silhouette; high key; low key • U1 and U2: user settings
Exposure compensation	-5 to +5 EV (select from step sizes of 1/3 and 1/2 EV) available in **P**, **S**, **A**, **M**, **SCN**, and **EFCT** modes
Exposure lock	Luminosity locked at detected value
ISO sensitivity (Recommended Exposure Index)	ISO 100 to 51200 (select from step sizes of 1/3 and 1/2 EV); can also be set to approx. 1 or 2 EV (ISO 204800 equivalent) above ISO 51200; auto ISO sensitivity control available
Active D-Lighting	Can be selected from auto, extra high, high, normal, low or off
Multiple exposure	Add, average, lighten, darken
Other options	HDR (high dynamic range), photo mode flicker reduction
Autofocus	Hybrid phase-detection/contrast AF with AF assist
Detection range (single-servo AF, photo mode, ISO 100, f/2.0 lens, 20°C/68°F)	-4 to +19 EV •Without low-light AF: -2 to +19 EV
Lens servo	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); AF mode auto-switch (AF-A; available only in photo mode); full-time AF (AF-F; available only in movie mode); predictive focus tracking • Manual focus (M): Electronic rangefinder can be used
Focus points (single-point AF, photo mode, DX image area)	209
AF-area modes	Pinpoint, single-point, and dynamic-area AF (pinpoint and dynamic-area AF available in photo mode only); wide-area AF (S); wide-area AF (L); auto-area AF
Focus lock	Focus can be locked by pressing shutter-release button halfway (single-servo AF) or by pressing AE-L/AF-L button
Flash control	TTL: i-TTL flash control; i-TTL balanced fill-flash is used with matrix, center-weighted, and highlight-weighted metering, standard i-TTL fill-flash with spot metering
Flash modes	Fill flash, red-eye reduction, slow sync, slow sync + red-eye, rear-curtain sync, auto, auto + red-eye reduction, auto slow sync, auto slow sync + red-eye, flash off
Flash compensation	-3 to +1 EV (choose from step sizes of 1/3 and 1/2 EV) available in **P**, **S**, **A**, **M**, and **SCN** modes
Flash-ready indicator	Lights when built-in flash or optional flash unit is fully charged; flashes as underexposure warning after flash is fired at full output
Accessory shoe	ISO 518 hot-shoe with sync and data contacts and safety lock
Nikon Creative Lighting System (CLS)	i-TTL flash control, optical Advanced Wireless Lighting, FV lock, Color Information Communication, Auto FP High-Speed Sync
White balance	Auto (3 types), natural light auto, direct sunlight, cloudy, shade, incandescent, fluorescent (7 types), flash, choose color temperature (2500 K to 10,000 K), preset manual (up to 6 values can be stored), all except choose color temperature with fine-tuning
Bracketing types	Exposure, white balance and ADL
Movie metering system	TTL metering using camera image sensor
Movie metering modes	Matrix, center-weighted or highlight-weighted
Frame size (pixels) and frame rate	• 3840 × 2160 (4K UHD); 30p (progressive), 25p, 24p • 1920 × 1080; 120p, 100p, 60p, 50p, 30p, 25p, 24p • 1920×1080 (slow-motion); 30p ×4, 25p ×4, 24p ×5 Actual frame rates for 120p, 100p, 60p, 50p, 30p, 25p, and 24p are 119.88, 100, 59.94, 50, 29.97, 25, and 23.976 fps respectively; quality selection available except at sizes of 3840 × 2160, 1920 × 1080 120p/100p, and 1920 × 1080 slow-motion, in which case quality is fixed at ★ (high)
File format	MOV, MP4
Video compression	H.264/MPEG-4 Advanced Video Coding
Audio recording format	Linear PCM, AAC
Audio recording device	Built-in stereo or external microphone with attenuator option; sensitivity adjustable
Movie ISO sensitivity (Recommended Exposure Index)	• **M**: Manual selection (ISO 100 to 25600; select from step sizes of 1/3 and 1/2 EV); auto ISO sensitivity control (ISO 100 to 25600) available with selectable upper limit • **P**, **S**, **A**: Auto ISO sensitivity control (ISO 100 to 25600) with selectable upper limit • , **SCN**, **EFCT** (excluding): Auto ISO sensitivity control (ISO 100 to 25600) • : Auto ISO sensitivity control (ISO 100 to Hi 4)
Movie Active D-Lighting	Can be selected from same as photo settings, extra high, high, normal, low or off
Maximum movie recording length	29 min. 59 s
Other movie options	Time-lapse movies, electronic vibration reduction
Playback	Full-frame and thumbnail (4, 9, or 72 images) playback with playback zoom, playback zoom cropping, movie playback, photo and/or movie slide shows, histogram display, highlights, photo information, location data display, auto image rotation, and picture rating
USB	Hi-Speed USB with Micro-B connector; connection to built-in USB port is recommended
HDMI output	Type D HDMI connector
Audio input	Stereo mini-pin jack (3.5 mm diameter; plug-in power supported)
Wireless (may differ by country or area)	• Standards: IEEE 802.11b/g/n/a/ac • Operating frequency: 2412 to 2462 MHz (channel 11) and 5180 to 5320/5180 to 5825/5180 to 5805 MHz • Maximum output power (EIRP): 2.4 GHz band: 6.9 dBm, 5 GHz band: 10.2 dBm • Authentication: Open system, WPA2-PSK
Bluetooth	• Communication protocols: Bluetooth Specification Version 4.2 • Operating frequency: Bluetooth: 2402 to 2480 MHz Bluetooth Low Energy: 2402 to 2480 MHz • Maximum output power (EIRP): Bluetooth: 1.4 dBm Bluetooth Low Energy: -0.1 dBm
Range (line of sight)	Approximately 10 m (32 ft) without interference; range may vary with signal strength and presence or absence of obstacles
Supported languages	Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese
Battery	One EN-EL25 Rechargeable Li-ion Battery
Charging AC adapter	EH-73P Charging AC Adapter
Tripod socket	1/4 in. (ISO 1222)
Dimensions (W × H × D)	Approx. 126.5 × 93.5 × 60 mm (5 × 3.7 × 2.4 in.)
Weight	Approx. 450 g (15.9 oz.) with battery and memory card but without body cap; approx. 395 g/14 oz. (camera body only)
Operating environment	Temperature: 0 to 40°C/32 to 104°F; humidity: 85% or less (no condensation)
Supplied accessories (may differ by country or area)	EN-EL25 Rechargeable Li-ion Battery with terminal cover, MH-32 Battery Charger (plug adapter supplied in countries or regions where required; shape depends on country of sale), DK-30 Rubber Eyecup (comes attached to camera), UC-E21 USB Cable, AN-DC20 Strap, BF-N1 Body Cap

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WARNING	TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.

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Nikon Inc. 1300 Walt Whitman Road, Melville, N.Y. 11747-3064, U.S.A. www.nikonusa.com

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